

Application No. 09/599,057

out and distinctly claim the subject matter which applicant regard as the invention. In view of the amendments to theses claims (in the response of March 10, 2003), FIGs. 1 and 2, and the specification, it is respectfully requested that the above-mentioned rejections be withdrawn.

In their response dated March 10, 2003, Applicants argued that the "location of the boundary between the body of a CRT and the cone is well known in the art of CRT design." As an example, Applicants cited U.S. Patent No. 6,188,173 (Kang) that describes this location in detail (a copy of Kang reference was submitted with an Information Disclosure Statement).

In a telephone conference on April 29, 2003, the Examiner suggested that the specification be amended to clarify "the length L."

FIG. 1 is amended to indicate length L and point O, as shown in FIG. 2, and to indicate the end of cone portion 50b (points T' and T), as described in the specification. FIG. 2 is amended to indicate the end of cone (points T' and T), as described in the originally filed specification. Enclosed is a Transmittal of Drawings letter with sheet 1 of drawing that includes FIGs. 1 and 2 with changes marked and a clean copy of formal drawing to replace the original FIGs. 1 and 2. No new matter has been added.

The specification is amended to clarify how length L is measured based on the depiction in the original FIG. 2. No new matter has been added.

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is now in condition for allowance, and accordingly, reconsideration and allowance are respectfully requested.

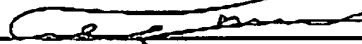
Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is

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captioned "Version with markings to show changes made."

Respectfully submitted,

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Version with markings to show changes made

In the Specification:

Please replace the paragraphs beginning at page 5, line 11 through line 18, with the following paragraphs:

First, the funnel 5 has a body 50a formed contiguous to a seal surface of the panel 3, and a cone 50b formed between the body 50a (at point T') and the neck 9 (at point O'), as shown in FIG. 1. Point O' is the end of the neck 9, at which the curved cone starts, as shown in FIG. 1. As shown, point T' is the inflection point formed where the concaved cone part 50b connects to the convexed body 50a.

The inventors of the present invention improve the shape of the cone 50b. According to a first embodiment of the present invention, reference Z indicates an axis of symmetry of the cathode ray tube, while reference O indicates an origin which is an end of the cone 50b ~~near~~ next to the neck 9 on the Z axis. Reference L is an entire length of the cone 50b between the body 50a (at point T) and the neck 9 (at point O), which is measured on the axis of symmetry Z.